

AUG. 14. 2007 4:29PM

DU PONT LEGAL BMP BLDG-25 R1375

RECEIVED NO. 7961 P. 5  
CENTRAL FAX CENTER

Application No.: 10/540605  
Docket No.: CH2856USPCT

AUG 14 2007

Page 2

Amendments to Specification

Amend the Specification at page 1, lines 12 to 19 as follows:

In this application the titanium dioxide pigmented paper is saturated with a laminating resin and subjected to heat and pressure to produce a hard surface laminate in which oxygen is absent. The titanium dioxide on exposure to UV light tends to gray as the concentration of  $Ti^{2+}$  ions are produced without the continual conversion by air oxidation of the ions back to the  $Ti^{4+}$  state.

Many techniques have been employed to make a light fast titanium dioxide pigment from the use of a calcination step in the pigment manufacture to the use of redox couples such as  $Ce^{3+}/Ce^{4+}$  to keep the titanium ion in the colorless  $4+$  oxidation state. But the use of such oxidation couples may lead to a yellowing of the titanium dioxide. Calcination on the other hand adds time and cost to pigment manufacture.

Amend the Specification at page 4, line 36 to page 5, line 2 as follows:

In the present invention it is preferred that following step (e) the mixture is filtered and the pigment recovered and washed and dried then micronized at a temperature of from 200°C and above. In one embodiment, the mixture is filtered and the pigment recovered and washed and dried then micronized at a temperature of from 200 to 420°C.